

#### ABSTRACT

A method for implementing power control on a connection between two transceivers, the method comprising the steps of receiving frame-structured signal sent from the first transceiver using the second transceiver, decoding the received signal in a decoder of the second transceiver, the decoder providing an estimate concerning the reliability of the signal in the output thereof, comparing the estimated reliability or the parameter modelling the reliability to a particular given threshold value, adjusting the transmission power of the first transceiver in the second transceiver by signalling power control information to the first transceiver so that the estimated reliability is as close as possible to the given reliability. The solution of the invention calculates the power control information on the basis of the estimated reliability.

(Figure 3)

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